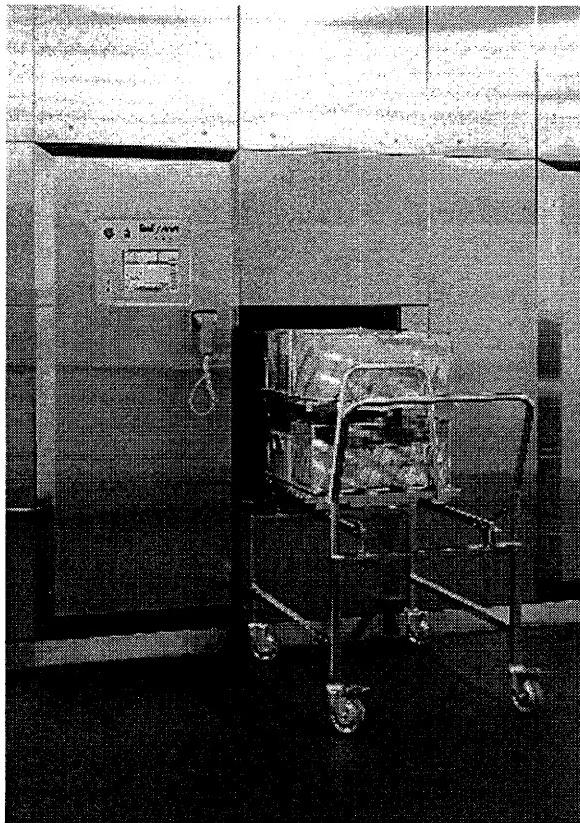


CIRCUIT DIAGRAM



Customer: Scottsdale

Plant number: 10600, 10601

Standard: UL 61010A-1

Project manager: P. Herde

Connection data:

Rated voltage: 3x208V, 60Hz

Rated current/achievement: 20.0A / 4.8kW

Extra low voltage: 24V/DC

Back-up fuse: 30A

Rated insulation voltage: 1000V

Short circuit capacity: 10kA

Mains system: TT

Beli-med
Infection Control

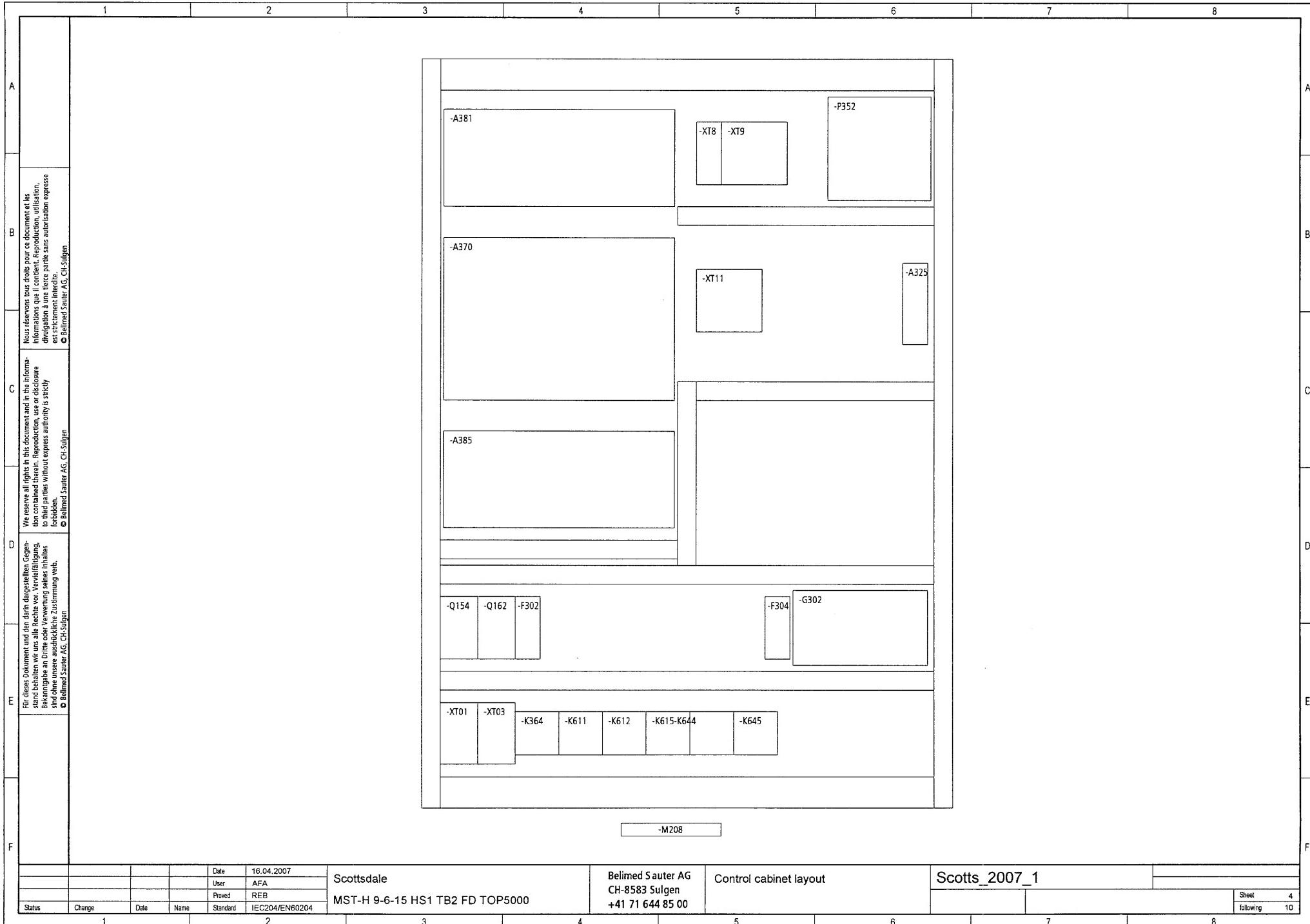
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A	Contents								
	Sheet	Description			date	User	Document type		
B	1	Title sheet			16.04.2007	AFA	00-Title sheet		
	3	Legend			16.04.2007	AFA	02-Circuit diagram		
	4	Control cabinet layout			16.04.2007	AFA	02-Circuit diagram		
	10	Supply			16.04.2007	AFA	02-Circuit diagram		
	15	Door motor			16.04.2007	AFA	02-Circuit diagram		
	16	Vacuum pump			16.04.2007	AFA	02-Circuit diagram		
	17	Automatic loading system			16.04.2007	AFA	02-Circuit diagram		
	20	Consumer 208V			16.04.2007	AFA	02-Circuit diagram		
C	30	Power supply			16.04.2007	AFA	02-Circuit diagram		
	32	Emergency stop circuit			16.04.2007	AFA	02-Circuit diagram		
	33	Wiring clamp rust			16.04.2007	AFA	02-Circuit diagram		
	34	Wiring clamp.rust			16.04.2007	AFA	02-Circuit diagram		
	35	Printer interface			16.04.2007	AFA	02-Circuit diagram		
	36	Door release			16.04.2007	AFA	02-Circuit diagram		
D	37	PLC, overview			16.04.2007	AFA	02-Circuit diagram		
	38	In-/ output print			16.04.2007	AFA	02-Circuit diagram		
	40	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
	41	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
	42	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
	43	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
	44	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
E	45	PLC, digital inputs			16.04.2007	AFA	02-Circuit diagram		
	59	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
	60	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
	61	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
	62	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
	63	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
F	64	PLC, digital outputs			16.04.2007	AFA	02-Circuit diagram		
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		User	AFA						
		Proved	REB						
Status	Change	Date	Name	Standard	IEC204/EN60204	MST-H 9-6-15 HS1 TB2 FD TOP5000	Belimed Sauter AG CH-8583 Sulgen +41 71 644 85 00	Contents	Scotts_2007_1
								Sheet Inh_1	
								following Inh_2	

Contents

A	Sheet	Description	date	User	Document type
B	80	PLC, analogue inputs	16.04.2007	AFA	02-Circuit diagram
	81	PLC, analogue inputs	16.04.2007	AFA	02-Circuit diagram
	92	Operating Panel	16.04.2007	AFA	02-Circuit diagram
	96	Potential-free contacts	16.04.2007	AFA	02-Circuit diagram
	103	Plug overview	16.04.2007	AFA	02-Circuit diagram
	105	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	106	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	107	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
C	108	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	109	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	110	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	111	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	112	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	113	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
D	114	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	115	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	116	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
	117	Terminal diagram	16.04.2007	AFA	03-Terminal Diagram
E					
F					

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Status	Change	Date	Name	Proved	REB		Sheet	Inh_2
			Standard	IEC204/EN60204			following	3

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A	<u>Terminal strips</u> Control panel -XT1 Supply lead -XT2 Three-phase motor -XT3 Consumer 208V -XT9 Measuring terminals -XT11 Power supply 24V DC, emergency-off	On the plant -XT23 Valves -XT24 Sensors -XT29 Measuring terminals		<u>Structure of the destination device</u> <i>/ 21. A7</i> Separator Sheet number Plan section				A
B	Nous réservons tous droits pour ce document et ses informations que le contenu. Reproduction, utilisation, divulgation à une tierce partie sans autorisation expresse est strictement interdite. © Belimed Sauter AG, CH-Sulgen							B
C	We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Belimed Sauter AG, CH-Sulgen				<u>Legend of operating material identification</u> +SS -K119 Assembly place Counting number of a sheet Class of operating material Sheet number			C
D	<u>Assembly place</u> +B1 Operating Panel side 1 +KA Chamber +KR Installation rack chamber +SS Control panel +EXT External	<u>Line colors by IEC 204-1</u> Main wiring system 3x208V black Protection- potential equalization wire green-yellow Control circuit 208 V without transformer black Control circuit with transformer < 48V green Control circuit with transformer > 48V brown Continous current + red - pink blue blue-white		<u>Line cross section</u> Cross section of all no-designated lines: AWG19				D
E	Für dieses Dokument und den darin dargestellten Gegenstand behalten wir uns alle Rechte vor. Veröffentlichungen oder Weiterverbreitung dieses Dokuments sind ohne unsere ausdrückliche Zustimmung verboten. © Belimed Sauter AG, CH-Sulgen			<u>Modification administration</u>				E
F								F
		Date 16.04.2007	User AFA	Scottsdale	Belimed Sauter AG CH-8583 Sulgen +41 71 644 85 00	Legend	Scotts_2007_1	
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Status	Change	Date	Name	Standard	[IEC204/EN60204]			
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+SS-EXT
-W999

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2

3

PE

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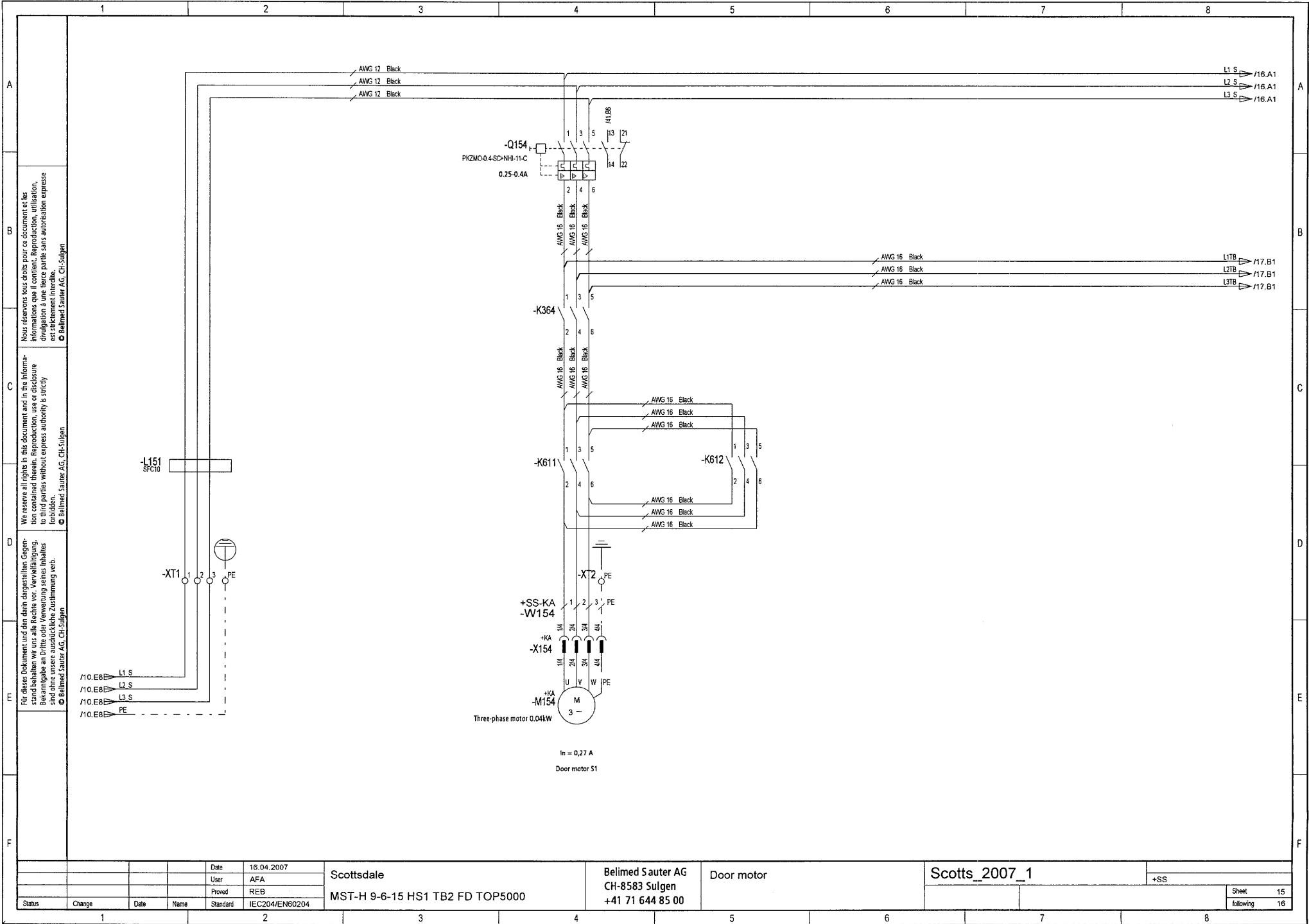
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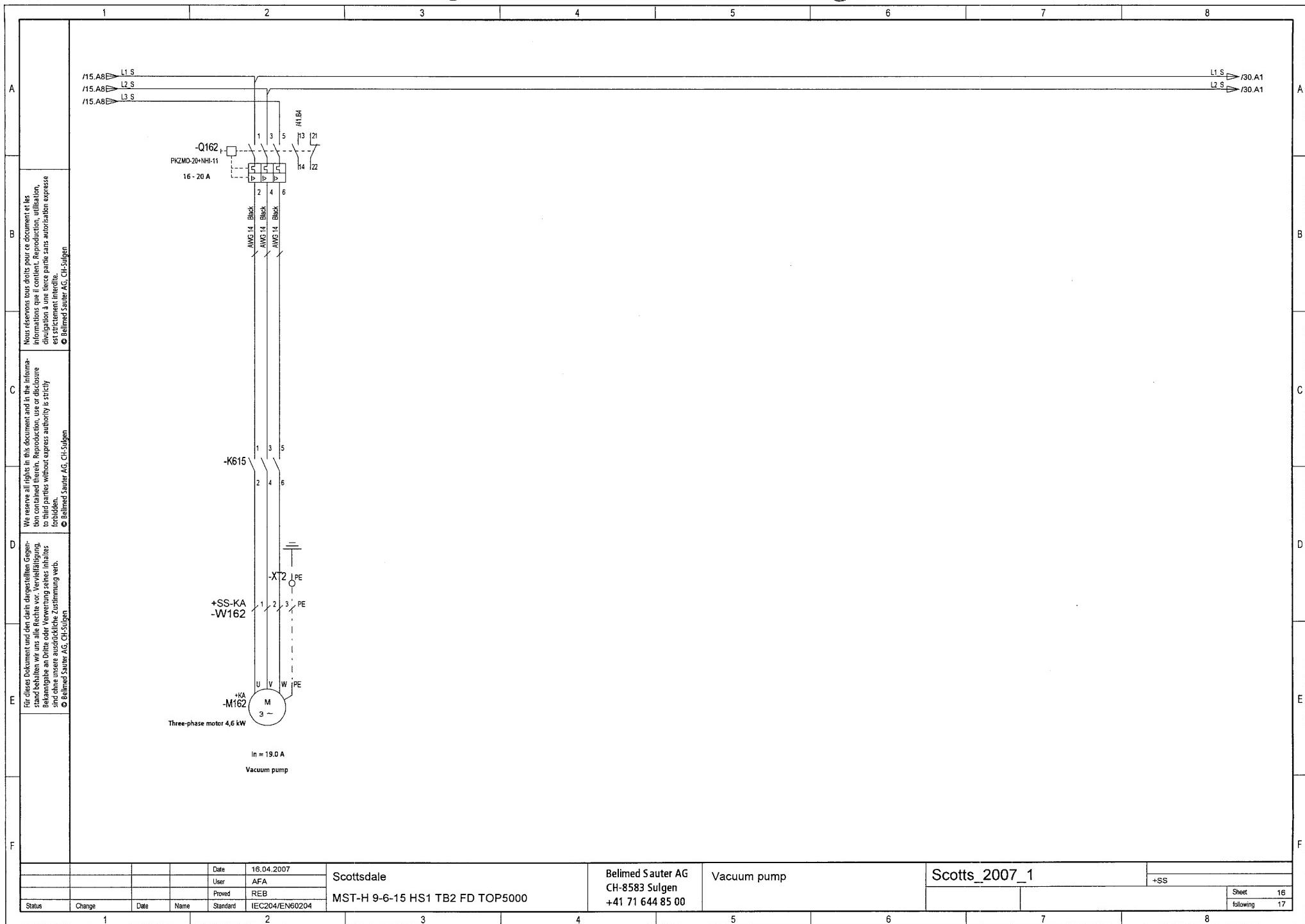


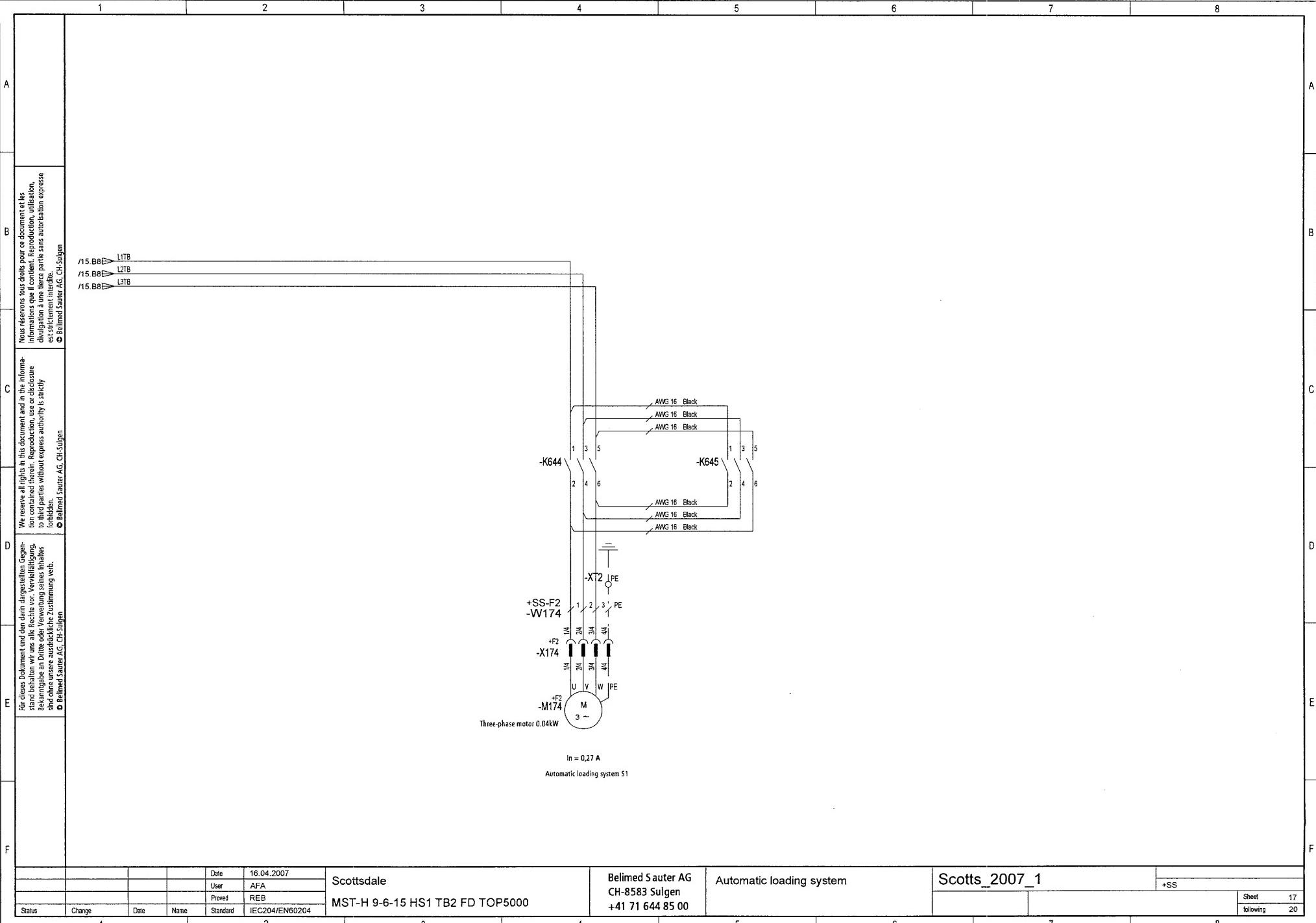
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L2 S /15.E1
L3 S /15.E1
PE /15.E1

3x208V 60Hz

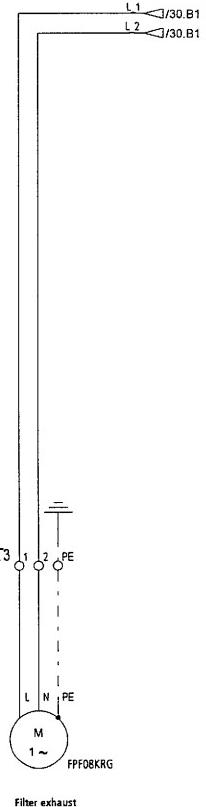
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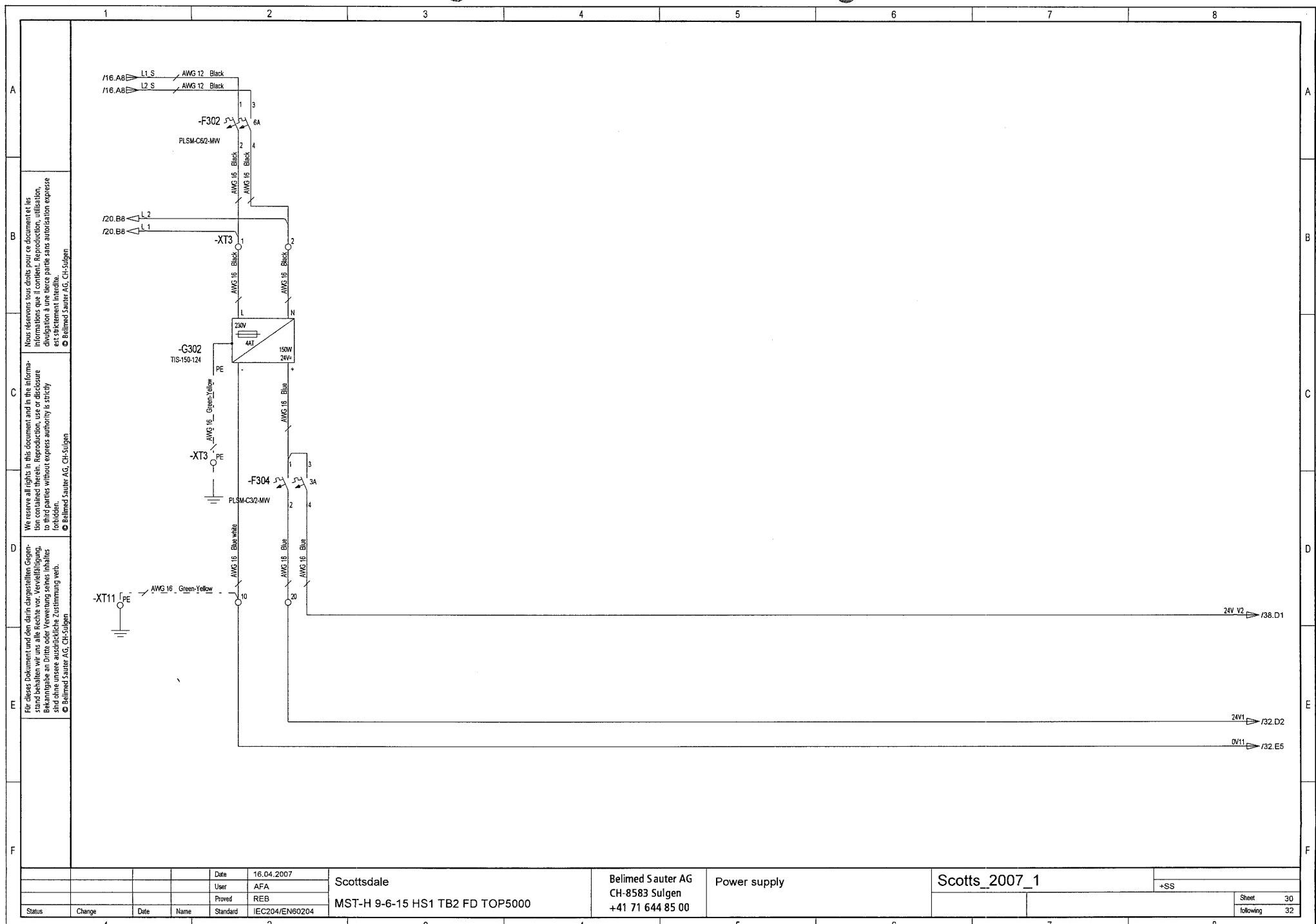


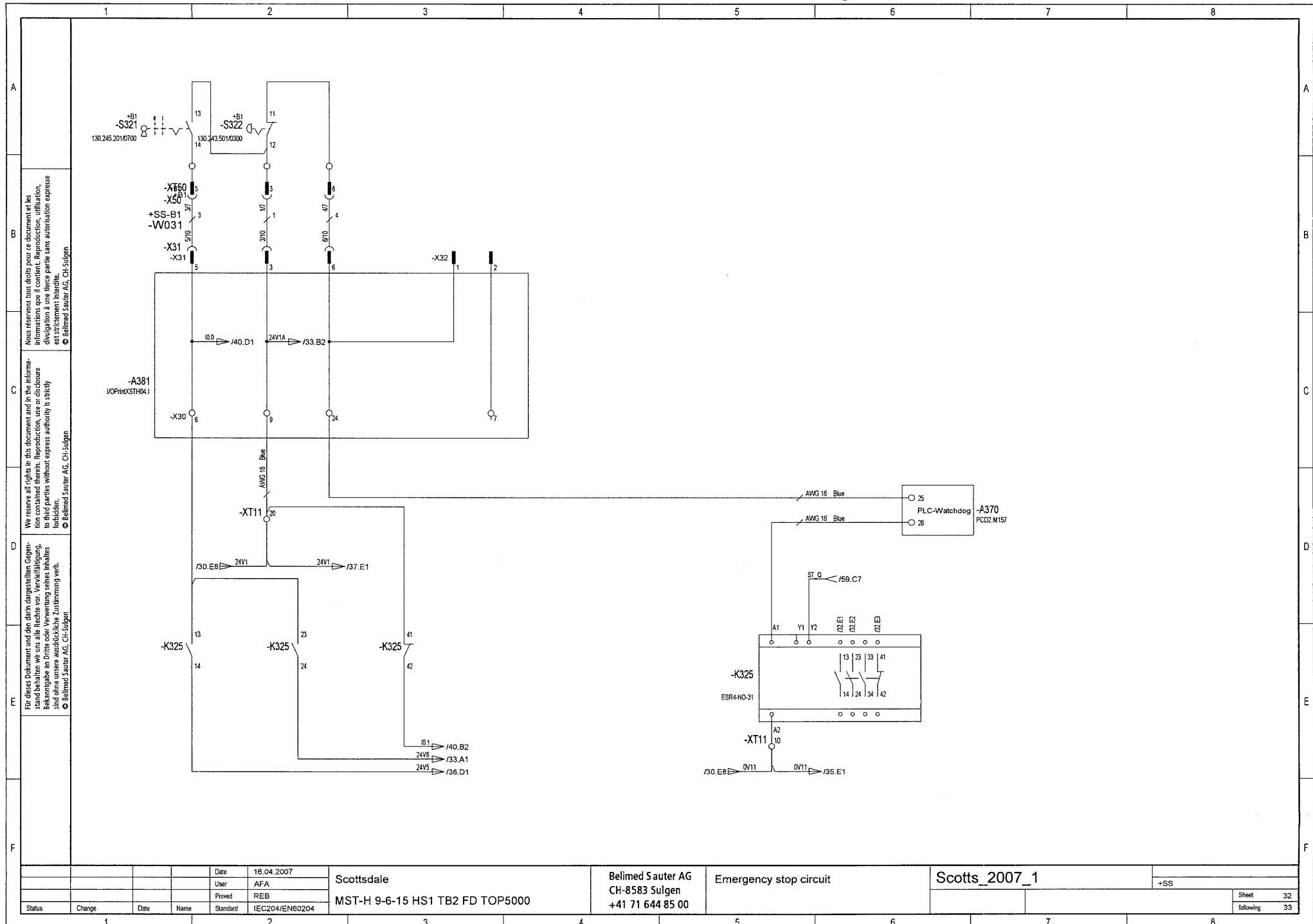


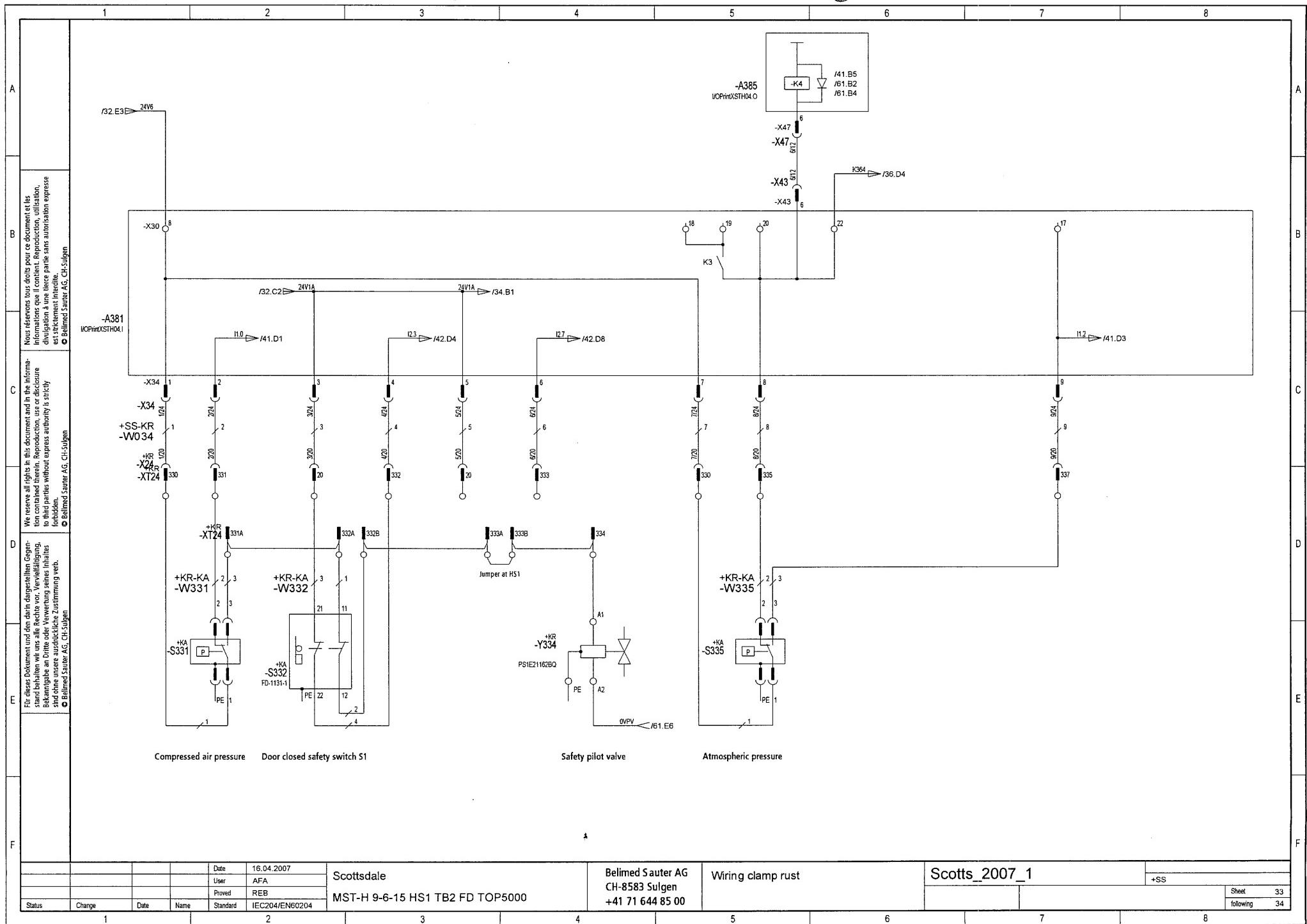


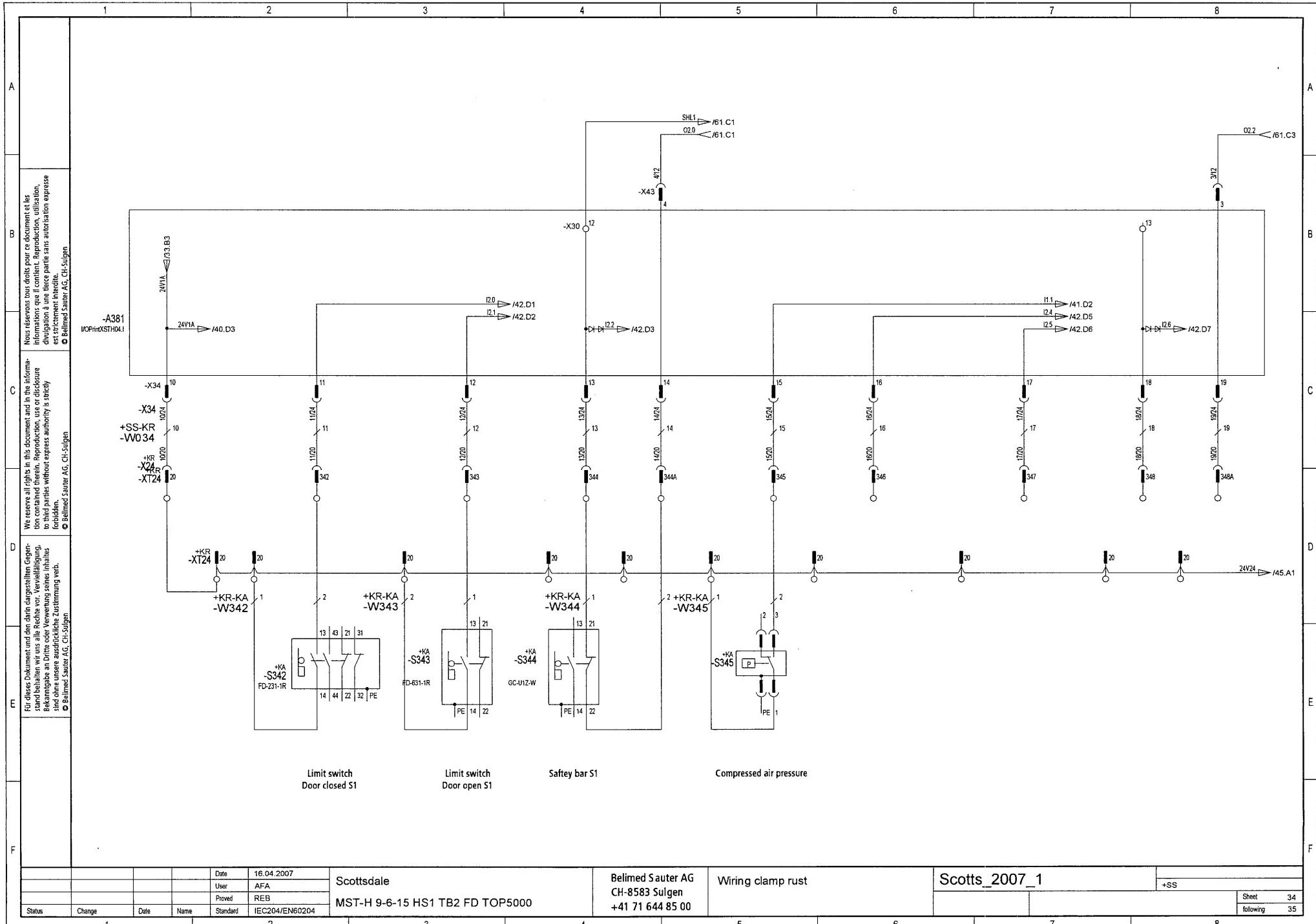
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			User	AFA				
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Status	Change	Date	Name	Standard	IEC204/EN60204	Scottsdale MST-H 9-6-15 HS1 TB2 FD TOP5000	Belimed Sauter AG CH-8583 Sulgen +41 71 644 85 00	Consumer 208V
							Scotts_2007_1	+ss
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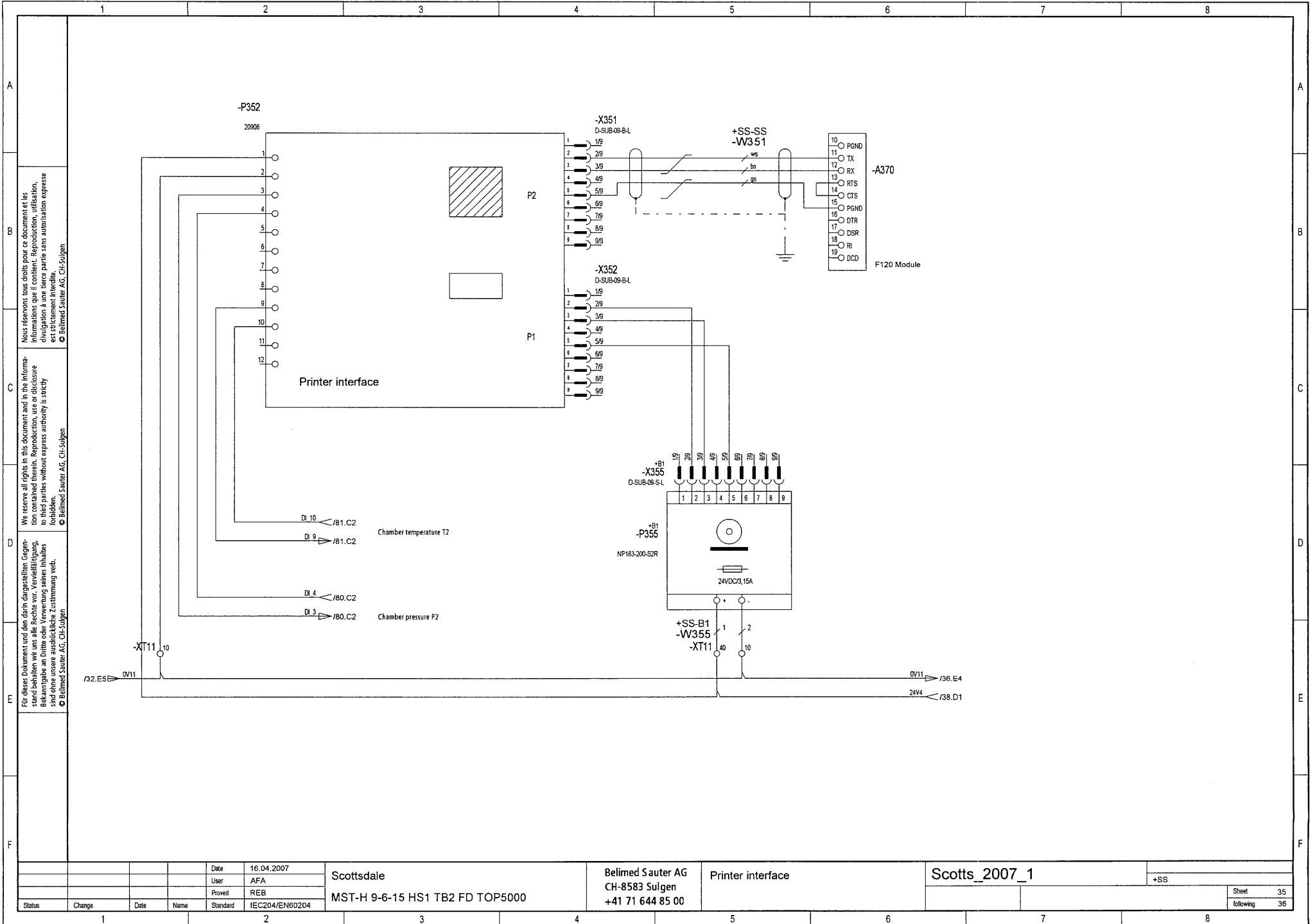












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B									B				
C									C				
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Status	Change	Date	Name	Standard	MST-H 9-6-15 HS1 TB2 FD TOP5000								Sheet 36
													following 37
1	2	3	4	5	6	7	8						

```

    graph LR
        K364[K364] --- A1[A1]
        K364 --- A2[A2]
        A1 --- XT11((XT11))
        A2 --- OV11K[OV11 K]
        XT11 --- OV11K
        XT11 --- OV11[OV11]
        XT11 --- OV11E1[OV11 E1]
        XT11 --- /33B6[/33.B6]
        XT11 --- /35E6[/35.E6]
        XT11 --- /61D1[/61.D1]
    
```



```

    graph TD
        J15C4[J15.C4] --- 1[1]
        J15C4 --- 2[2]
        J15C4 --- 3[3]
        J15C4 --- 4[4]
        J15C4 --- 5[5]
        J15C4 --- 6[6]
        J15C4 --- 21[21]
        J15C4 --- 22[22]
        J60C8[J60.C8] --- 61[61]
        J60C8 --- 62[62]
        J60C8 --- 63[63]
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        J60C8 --- 100[100]
    
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